



1744

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: David Itzhak

Atty Docket: LLE-004.01

Serial No.: 09/509,732

(21379-401)

Art Unit: 1744

Date Filed: September 11, 2000

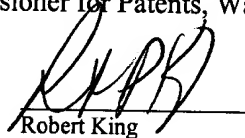
Examiner: Not Assigned

Invention: Water Treatment Method and Device

\*\*\*\*\*

CERTIFICATE OF MAILING

I hereby certify that the foregoing document is being deposited with the United States Postal Service as first class mail in an envelope addressed to Commissioner for Patents, Washington, DC 20231 on this 14 day of December, 2000.

  
Robert King

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Commissioner for Patents  
Washington, D.C. 20231

Sir:

**TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. 1.97(b)**

The information disclosure statement submitted herewith and is being filed before the mailing date of the first Office Action on the merits.

It is not believed that any additional fees are required. However, please charge any deficiencies to Deposit Account No.: 06-1448. A duplicate copy of this form is being submitted for accounting purposes.

Respectfully submitted,



Chinh H. Pham  
Attorney for the Applicant(s)  
Patent Group  
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Date December 14, 2000  
Reg. No.: 39,329

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SAM  
#6  
1.2.01

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Applicant: David Itzhak  
Serial No.: 09/509,732  
Date Filed: September 11, 2000  
Invention: Water Treatment Method and Device

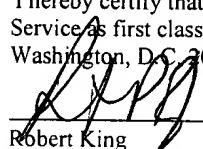
Atty Docket: LLE-004.01  
(21379-401)  
Art Unit: 1744

Examiner: ~~To Be Assigned~~ McKane

\*\*\*\*\*

**CERTIFICATE OF MAILING**

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Robert King

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Commissioner for Patents  
Washington, D.C. 20231

Sir:

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**INFORMATION DISCLOSURE STATEMENT**

List of Sections Forming Part of This Information Disclosure Statement.

The following sections are being submitted herewith for this Information Disclosure Statement:

(Check sections forming a part of this statement: discard unused sections and number pages consecutively)

1. [X] Preliminary Statements
2. [X] FORM PTO-1449
3. [ ] Statement as to Information Not Found in Patents or Publications
4. [ ] Identification of Prior Application in Which Listed Information Was Already Cited and for Which No Copies Are Submitted or Need Be Submitted
5. [ ] Cumulative Patents or Publications
6. [X] Copies of Listed Information Items Accompanying This Statement
7. [ ] Concise Explanation of Non-English Language Listed Information Items
- 7A. [ ] EPO Search Report
- 7B. [ ] English Language Version of EPO Search Report
8. [ ] Translation(s) of Non-English Language Documents

9.     ☐     Concise Explanation of English Language Listed Information Items  
                    (Optional)
10.    ☒    Identification of Person(s) Making This Information Disclosure Statement

(complete the following, if appropriate)

Sections , and , respectively, have been continued on ADDED PAGE(S).

NOTE: "Once the minimum requirements are met, the examiner has an obligation to consider the information." Notice of April 20, 1992 (1138 O.G. 37-41, 37).



Information Disclosure Statement  
Attorney Docket No.: LLE-004.01  
U.S. Serial No.: 09/509,732  
Applicant(s): *David Itzhak*.

### SECTION 1: PRELIMINARY STATEMENTS

Applicants submit herewith patents, publications or other information, of which they are aware that they believe may be material to the examination of this application, and in respect of which, there may be a duty to disclose.

The filing of this information disclosure statement shall not be construed as a representation that a search has been made (37 C.F.R. 1.97(g)), an admission that the information cited is, or is considered to be, material to patentability, or that no other material information exists.

The filing of this information disclosure statement shall not be construed as an admission against interest in any manner. Notice of January 9, 1992, 1135 O.G. 13-25, at 25.

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Information Disclosure Statement  
Attorney Docket No.: LLE-004.01  
U.S. Serial No.: 09/509,732  
Applicant(s): *David Itzhak*.

## SECTION 2: FORM PTO 1449

NOTE: With respect to the list required by paragraph (b) of 37 C.F.R. 1.98, the Notice of April 20, 1992 (1138 O.G. 37-41) points out that: "The list may not be incorporated into the specification but must be submitted in a separate paper. A separate list is required so that it is easy to confirm that applicant intends to submit an information disclosure statement, and because it provides a readily available checklist for the examiner to indicate which identified documents have been considered. A copy of a separate list will also provide a simple means of communication to applicant to indicate the listed documents that have been considered and those listed documents that have not been considered. Use of form PTO-1449, "Information Disclosure Citation, is encouraged."

NOTE: "An information disclosure statement may include two list[s] (and two certifications[]) ... in situations where some of the information listed was cited in a communication from a foreign patent office not more than three months prior to filing the statement and some was not, but was not known more than three months prior to filing the statement." Notice of April 20, 1992 (1138 O.G. 37-41, 40).

NOTE: With respect to the examiner's consideration of the Information Disclosure Statement, the Notice of April 20, 1992 (1138 O.G. 37-41) states:

"If information is listed in the specification rather than in a separate paper, or if the other content requirements \*\*\* are not complied with, the examiner will notify applicant in the next Office action that the information has not been considered. It should be noted, however, that no copy of a U.S. patent application is required to be submitted. \*\*\* Where a U.S. patent application is properly cited, the examiner should obtain access to that file within the Office.

"Examiners must consider all citations submitted in conformance with the rules and this section and place their initials adjacent [sic] the citations on a list or in the boxes provided on a form PTO-1449. If the citations are submitted on a list other than a form PTO-1449, the examiner may write "all considered" and his or her initials to indicate that all citations have been considered. If any of the citations are considered, a copy of the submitted list or form, as reviewed by the examiner, will be returned to the applicant with the next communication. The original copy of the form will be entered into the application file. The copy returned to applicant will serve both as acknowledgment of receipt of the information disclosure statement and as an indication that the references were considered by the examiner. Forms PTO-326 and PTOL-37 include a box to indicate the attachment of form PTO-1449.

"Information which complies with requirements as discussed in this section but which is in a non-English language will be considered in view of the concise explanation submitted \*\*\* and insofar as it is understood on its face, e.g., drawings, chemical formulas, in the same manner that non-English language information in Office search files is considered by examiners in conducting searches. The examiner need not have the information translated unless it appears to be necessary to do so. \*\*\* The examiner should not require that a translation be filed by applicant. The examiner should not make any comment such as that the non-English language information has only been considered to the extent understood, since this fact is inherent.

"Since information is required to be listed in a separate paper rather than in the specification, there is no need to mark "All checked" or

"Checked" in the margin of a specification containing citations.

"If a statement fails to comply with the requirements as discussed in this section for an item of information, a line should be drawn through the citation to show that it has not been considered. The other items of information listed that do comply with the rules and this section will be considered by the examiner and will be appropriately initialed.

\* \* \* \* \*

"A citation listed on form PTO-1449 and considered by the examiner in accordance with this section will be printed on the patent. A citation listed in a separate paper, equivalent to but not on form PTO-1449, and considered by the examiner in accordance with this section will be printed on the patent if the list is on a separate sheet which is clearly identified as an information disclosure statement and the list lends itself to easy capture of the necessary information by the Office printing contractor, i.e., each item of information is listed on a single line, the lines are at least double-spaced from each other, the information is uniform in format for each listed item, the list includes a column for the examiner's initials to indicate that the information was considered. If a citation is not printed on the patent but has been considered by the examiner in accordance with this section, the patented file will reflect that fact ... "

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Information Disclosure Statement  
Attorney Docket No.: LLE-004.01  
U.S. Serial No.: 09/509,732  
Applicant(s): *David Itzhak*.

## SECTION 6: COPIES OF LISTED INFORMATION ITEMS ACCOMPANYING THIS STATEMENT

NOTE: 37 C.F.R. 1.98(a)(2) requires that any information disclosure statement filed under § 1.97 shall include: "A legible copy of: (1) Each U.S. and foreign patent; (ii) Each publication or that portion which caused it to be listed; and (iii) All other information or that portion which caused it to be listed, except that no copy of a U.S. patent application need be included ..."

NOTE: The wording in § 1.98(a)(2)(iii) makes it clear that the requirement to submit a copy of each item of information listed in an information disclosure statement does not apply to the citation of a U.S. patent application. Notice of January 9, 1992, 1135 O.G. 13-25, at 14.

- ☒ Legible copies of all items Form PTO-1449 accompany this information statement.  
Labeled Documents: **AA-AI**

(complete the following, if applicable)

- ☐ Exception(s) to above:

- ☐ Items in prior application, from which an earlier filing date is claimed for this application, as identified in Section 4.
- ☐ Cumulative patents or publications identified in Section 5.

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Information Disclosure Statement  
Attorney Docket No.: LLE-004.01  
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Applicant(s): *David Itzhak*.

**SECTION 10: IDENTIFICATION OF PERSON(S) MAKING THIS  
INFORMATION DISCLOSURE STATEMENT**

The person making this statement is (check each applicable item)

(a) ☐ the inventor(s) who signs below

\_\_\_\_\_  
SIGNATURE OF INVENTOR

\_\_\_\_\_  
(type name of inventor who is signing)

(b) ☐ an individual associated with the filing and prosecution of this application  
(37 C.F.R. 1.56(c))

\_\_\_\_\_  
SIGNATURE OF INVENTOR

\_\_\_\_\_  
(type name of inventor who is signing)

(c) ☒ the attorney who signs below on the basis of the information:  
(check each applicable item)

- ☒ supplied by the inventor(s).  
☐ supplied by an individual associated with the filing and  
prosecution of this application. (37 C.F.R. 1.56(c) )  
☐ in the practitioner's file.

Respectfully submitted,

Date: *12/14/00*

Reg. No.: 39,329  
Tel. No.: (617) 832-1234  
Fax No.: (617) 832-7000

\_\_\_\_\_  
Attorney for the Applicant(s)  
Chinh H. Pham  
Patent Group  
Foley, Hoag & Eliot  
One Post Office Square  
Boston, MA 02210  
(Post Office Address)

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Form PTO-1449

**INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION**

(Use several sheets if necessary)

Docket Number (Optional)  
LLE-004.01(21379-00401)Application Number  
09/509,732Applicant  
David ItzhakFiling Date  
September 11, 2000Group Art Unit  
1744**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AA	4,048,030	09/13/77	Miller	204	149	10/30/75
AB	4,119,518	10/10/78	Miller	204	263	06/29/77
AC	4,384,943	05/24/83	Stoner et al.	204	149	09/11/80
AD	5,389,210	02/14/95	Silveri	204	1.11	05/10/94
AE	5,401,373	03/28/95	Silveri	204	269	05/10/94
AF	5,424,032	06/13/95	Christensen et al.	422	14	12/13/93
AG	5,580,438	12/03/96	Silveri	205	687	03/27/95

**FOREIGN PATENT DOCUMENTS**

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
AH	EP 0 175 123 A2	03/26/86	European Patent Application			X	

**OTHER DOCUMENTS**

(Including Author, Title, Date, Pertinent Pages Etc.)

AI	Chem. Abstract 104: 1 743 11h (DE 343 0610)
EXAMINER	DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.